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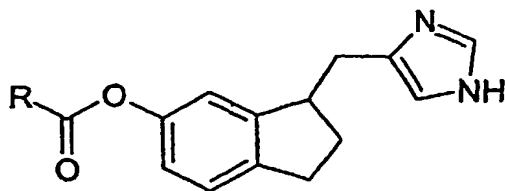
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(54) Title: **IMIDAZOL DERIVATIVES HAVING AFFINITY FOR ALPHA 2 RECEPTORS ACTIVITY**



(I)

(57) Abstract: The present invention relates to novel prodrugs of MPV-2426, to methods for preparing said prodrug forms, to pharmaceutical compositions containing such prodrug forms, and to methods for using the prodrug forms. A compound of general formula (I), or pharmaceutically acceptable salts or hydrates thereof, wherein R represents unsubstituted or substituted lower alkyl, unsubstituted or substituted aryl, unsubstituted or substituted cycloalkyl, unsubstituted or

substituted heteroaryl, unsubstituted or substituted lower alkylamino or saturated five or six membered heterocyclic group containing one or two nitrogen atoms.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/FI 03/00933

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/415 A61K31/4164 C07D233/56 C07D233/64 A61P3/06
A61P3/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, MEDLINE, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 388 090 B1 (HUHTALA PAAVO ET AL) 14 May 2002 (2002-05-14) formula I	1-12
A	WO 97 12874 A (SAVOLA JUHA MATTI ;WURSTER SIEGFRIED (FI); HUHTALA PAAVO (FI); SAV) 10 April 1997 (1997-04-10) formula I	1-12
A	WO 01 051472 A (ORION CORPORATION) 19 July 2001 (2001-07-19) formula I	1-12
A	WO 01 30347 A (LEINO TIINA ;HEINO RIITTA (FI); ORION CORP (FI); LEHTIMAEMI TARJA) 3 May 2001 (2001-05-03) claims 1-14	1-12
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

14 June 2004

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27.06.2004

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INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	W0 03 099795 A (ALLERGAN INC) 4 December 2003 (2003-12-04) example U, compound 63 ---	1-12
A	EP 0 717 037 A (UCB SA) 19 June 1996 (1996-06-19) claim 1 -----	1-12

INTERNATIONAL SEARCH REPORT

International application No.
PCT/FI 03/00933

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 11-12
because they relate to subject matter not required to be searched by this Authority, namely:
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.1

Claims Nos.: 11-12

Claims 11-12 relate to methods of treatment of the human or animal body by surgery or by therapy/diagnostic methods practised on the human or animal body/Rule 39.1.(iv). Nevertheless, a search has been executed for these claims. The search has been based on the alleged effects of the compounds/compositions.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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